

**grammar** de.thm.mddp.sns1.Sns1 **with** org.eclipse.xtext.common.Terminals

**generate** sns1 "http://www.thm.de/mddp/sns1/Sns1"

SocialNetwork:

```
'socialNetwork' name=ID '{'
  user=User
  group=Group
  '}';
```

User:

```
'user' '{'
  profile=Profile
  pinboard=Pinboard
  (communications+=Communication)*
  (media+=Media)*
  '}';
```

Group:

```
'group' '{'
  profile=Profile
  '}';
```

Profile:

```
'profile' name=ID '{'
  (cities+=City)*
  (languages+=Language)*
  '}';
```

City:

```
'city' name=ID '{'
  'address' address=ID
  'country' country=ID
  'time' time=ID
  '}';
```

Language:

```
'language' name=ID '('
  'grade' grade=INT
  ')';
```

Pinboard:

```
'pinboard' name=ID;
```

Communication:

```
'communication' name=ID;
```

Media:

```
'media' name=ID;
```